



# HP DreamColor Z27x G2 Studio Display

## A visionary display

Boost your creativity with the HP DreamColor Z27x G2 Studio Display. Designed for color professionals, this 27" diagonal Quad HD display has breakthrough HP DreamColor Technology, an expansive color gamut, built-in colorimeter, and workflow management tools.



### Color accuracy. For color perfectionists.

- Experience theater-quality color with HP DreamColor Technology, winner of the 2015 Scientific and Engineering Award from the Academy of Motion Picture Arts and Sciences.<sup>1</sup>

### More time creating. Less time calibrating.

- Achieve accurate color with a pop-up sensor that calibrates on demand or on a regular schedule. Free up valuable time for other tasks and no longer wonder if your color is correct—it just is.

### Designed by pros. For pros.

- HP worked with leading visual effects and animation studios to create customized solutions for an optimal design process. Speed projects to completion with onscreen markers and keyboard-based input switching between your devices.

### Featuring

- Experience a broad range of vividly accurate colors from 98% Adobe RGB and 99% DCI P3 coverage. Work with inky blacks, rich shadow detail, and a 1500:1 contrast ratio. Get superb off-axis viewing from a high-performance IPS panel.
- Stay on schedule by setting automated color calibration to run after hours. Align the built-in colorimeter with your own reference instrument for studio-wide color stability.
- Bring your designs and images to life in stunning detail on a 27" diagonal screen with Quad HD 2560 × 1440 resolution and a 16:9 aspect ratio.
- Easily alternate between different computers with the built-in KVM switch and a keyboard shortcut.
- Remotely manage a single display or an entire fleet with integrated tools that let you modify settings, pull calibration histories or push out new configurations over a network connection.
- Choose from eight factory-calibrated color presets or configure your own.
- Overlay standard video and film markers and DCI aspect ratio masks over your images to assess framing and protect regions. Create your own custom markers using StudioCal XML.

## HP DreamColor Z27x G2 Studio Display Specifications Table



Display type	IPS with LED backlight
Brightness	250 nits <sup>1</sup>
Contrast ratio	1500:1 static <sup>1</sup>
Response Ratio	10 ms gray to gray <sup>1</sup>
Product colour	Black
Aspect ratio	16:9 <sup>1</sup>
Native resolution	QHD (2560 x 1440)
Resolutions supported	1024 x 768; 1280 x 1024; 1280 x 720; 1366 x 768; 1920 x 1080; 1920 x 1200; 2048 x 1080; 2560 x 1440; 2560 x 1600; 640 x 480; 720 x 400; 800 x 600
Display features	Anti-glare; Anti-static; In plane switching; Language selection; LED backlights; On-screen controls; Plug and Play; User programmable
User controls	Brightness; Color control; Contrast; Exit; Image control; Information; Input source; Language; Management; Menu; PIP control; Power; Calibration; Message control
Input signal	2 DisplayPort™ 1.2; 2 HDMI 2.0 (with HDCP support)
Display size (diagonal)	27"
Display size (diagonal, metric)	68.6 cm (27")
Ports and Connectors	1 USB 3.0; 4 USB 3.0 (2 side, 2 rear); 1 USB Type-C™ (DisplayPort™ 1.2, power delivery up to 15 W) <sup>1</sup>
Camera	No integrated camera
Environmental	Operating temperature: 5 to 35°C; Operating humidity: 20 to 80% non-condensing;
Power	Input voltage 100 to 240 VAC
Power consumption	160 W (maximum), 65 W (typical), 0.5 W (standby)
Dimensions	64.21 x 8.25 x 38.21 cm (Without stand.)
Weight	12.1 Kg (With stand.)
Physical security features	Security lock-ready <sup>2</sup>
Certification and compliance	BSMI; CB; CCC; CE; CECP; CEL; CSA; E-standby; EUP Lot-5; EUP Lot-6; FCC; ICES; ISO 9241-307; KC; KCC; Microsoft WHQL Certification (Windows 10); S-Mark; SmartWay Transport Partnership (NA); TUV/Ergo; TUV/GS; VCCI; Vietnam MEPS
Sustainable impact specifications	Arsenic-free display glass; Mercury-free display backlights
What's in the box	AC power cord; DisplayPort™ 1.2 cable; Documentation; HDMI cable; USB Type-C™ cable; Warranty card; USB Type-B to A cable; USB Type-C™ to A cable
Warranty	5 years Next Business Day Onsite Support. HP support includes HP 3-year limited warranty plus a 5-year HP Onsite Care Pack support, as of date of purchase of the hardware product. Onsite support is offered if the problem cannot be handled over the phone. Delivery of support services outside of the applicable HP coverage areas may be subject to longer response times.
Pixels per inch (ppi)	109 ppi
Panel bit depth	10 bit
Vertical viewing angle	178°
Horizontal viewing angle	178°
Swivel	±45°
Tilt	-5 to +20°
Pivot	No pivot
Height adjustment range	150 mm
VESA mounting	100 mm
Screen treatment	Anti-glare
Touch-enabled	Not touch-enabled
Flicker-free	Yes
Low blue light modes	Yes
Energy efficiency class	G
Display scan frequency (horizontal)	27-90 kHz
Display scan frequency (vertical)	24-60 Hz
Pixel pitch	0.233 mm

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## Messaging Footnotes

## Technical Specifications Footnotes

<sup>1</sup> All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

<sup>2</sup> Lock is sold separately.

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